

CA POVERNY, H.M.

Analytical Chemistry -

Left Chemistry

The Barfoed reaction. V. V. Nicol'skii and A. M. Poverny (Med. Inst., Rostov). Biokhimiya 17, 317-19 (1962). Barfoed's reagent ($Cu(OAc)_2$ and HOAc), reduces a monosaccharide such as dextrose and does not reduce a disaccharide like maltose because the latter contains relatively more hydroxyl groups per carbonyl group. In dextrose, the ratio of CO to COH is 1:4, whereas in maltose the ratio is 1:7. To check the view that an excessive no. of OH groups results in a neg. Barfoed test, expts. were carried

out with dextrose solns. in the presence of OH-contg. substances: ROH, glycerol, sorbitol, mannitol, and dulcitol. EtOH and glycerol were without effect, but was neg. with a large excess of the hexitol. Pptn. was prevented when the ratio of glucose to sorbitol was 1:6, glucose to mannitol 1:20, and glucose to dulcitol 1:25. It is assumed that the Cu of the Barfoed reagent combines with the hexitol, liberating HOAc. Thus, when 3 vols. of Barfoed's reagent pH 0.40, was treated with 1 vol. of 20% sorbitol of pH 7.00, the resulting pH of the mixt. is 0.22. H. Priestley

POVERENNYY, A.M. [Povierennyi, A.M.]; CHMYR'OV, A.V. [Chmyrov, A.M.]

Use of phenolic deproteinization for isolating highly polymerized
hyaluronic acid from umbilical cords. Ukr. biokhim. zhur. 35 no.5;
(MIRA 17.5)
772-775 '63.

i. Department of Biological Chemistry of Rostov-na-Donu State
Medical Institute.

POVERENNYY, A.M. [Povierenyi, A.M.]; ALEYNIKOVA, T.L. [Aleyinykova, T.L.]

Effect of some anion on Dische's diphenylamine reaction.
Ukr.biokhim.zhur. 34 no.6:910-914 '62. (MIRA 16:4)

1. Department of Biological Chemistry of Rostov Medical
Institute.

(DIPHENYLAMINE) (HALOGENS) (NUCLEIC ACIDS)

ACCESSION NR: AP4012734

S/0218/64/029/001/0080/0087

AUTHOR: Poverenny, A. M.; Levi, M. I.

TITLE: Investigation of the relationship between DNA structure and its antigen properties

SOURCE: Biokhimiya, v. 29, no. 1, 1964, 80-87

TOPIC TAGS: DNA, DNA structure, DNA serological activity, DNA adsorption, systemic lupus erythematosus, passive hemagglutination reaction, inhibited passive hemagglutination reaction, antibody neutralization reaction

ABSTRACT: After finding the optimal conditions for DNA adsorption on tannin treated ram erythrocytes, standard serological methods were used to investigate the relationship of antibodies to DNA in the blood of patients with systemic lupus erythematosus. The following reactions were determined: passive hemagglutination, inhibited passive hemagglutination, and antibody neutralization. Findings show that the passive hemagglutination reaction is sensitive and specific. Microquantities of DNA (0.008-0.1 mcg) can be detected by

Card 1/2

ACCESSION NR: AP4012734

the antibody neutralization reaction. In some cases, less single-strand denatured DNA and more double-strand native DNA are required to neutralize the antibodies in the blood of patients with systemic lupus erythematosus, and in other cases the requirements are reversed. The serological activity of DNA appears to be determined by its macrostructure and does not appear to be affected by differences in nucleotide composition or by number of NH₂-groups. Orig. art. has: 5 tables.

ASSOCIATION: Kafedra biologicheskoy khimii meditsinskogo instituta, Rostov-on-Don (Department of Biological Chemistry of the Medical Institute); Nauchno-issledovatel'skiy protivochumnyy institut, Rostov-on-Don (Scientific Research Antiplague Institute)

SUBMITTED: 22Apr63 DATE ACQ: 03Mar64 ENCL: 00
SUB CODE: AM NO REF SOV: 008 OTHER: 012

Card 2/2

GUBAREV, Ye.M. [Deceased]; POVERENINOV, I. M.; ALEYNIKOVA, T. V.

Use of the reaction with formaldehyde for characterization of
some physicochemical properties of nucleic acids. Biofizika
9 no.4:434-440 '64.
(MIRA 12:3)

I. Rostovskiy gosudarstvennyy radiotekhnicheskiy in-titut.

POVERENOV, A.M., (USSR)

"The Pathogenic Significance of Procollagen
and Bacterial Nucleic Acid Complexes."

Report presented at the 5th Int'l. Biochemistry Congress,
Moscow, 10-16 Aug 1961.

POVERENNYY, A. M. Cand Med Sci -- "Properties of complex compounds of procollagen and bacterial nucleic acids (Certain problems of the pathogenesis of collagen diseases)." Mos, 1961 (Acad Med Sci USSR. Inst of Biol and Med Chemistry). (KL, 4-61, 210)

POVERENINNAYA, A.M.,
ALEKSEEVNA, T.A.

Sample method for isolation of bacterial DNA by means of trypsinization.
Vop. med. khim. 10 no. 3.312-321 Myk. 1968. (vika 180)

1. Kafedra biologicheskoy khimii Reran'skogo meditsinskogo
instituta.

POVERENNYY, A.M.; LEVI, M.I.

Existence of two types of antibodies to desoxyribose nucleic acid.
Vop. med. khim. 11 no.2:95-97 Mr-Ap '65. (MIRA 18:10)
1. Institut meditsinskoy radiologii AMN SSSR, Obninsk, i Rostovskiy
meditsinskiy institut.

POVERENNYY, A.M.; ALEYNKOVA, T.L.; MAR'YASINA, A.D.

Use of a method of separating polynucleotide chains in the presence
of formaldehyde for determining actions injuring DNA molecule. Ukr.
biokhim. zhur. 37 no.3:459-462 '65. (MIRA 18:7)

1. Kafedra biokhimii Rostovskogo meditsinskogo instituta.

POVERENYY A.M.
USSR/Medicine - Toxins, Choline Esters

Jan 53

"Changes in the Lipids of the Brain Under the Action of the Toxin of B.perfringens",
A.M.Poverenny, S.Ye.Ol'shteyn, V.V.Nikol'skiy, Chair of Biochem and Chair of Microbiol,
Rostov State Med Inst

Ukrain Biokhim Zhur, Vol 25, No 2, pp 127-131 ✓

The hemolytic fraction of the toxin of B.perfringens (I) is resorbed more easily by
brain tissue than by any other tissue. Under the action of the toxin of I, the quantity
of all lipids except diaminophosphatides increases in the brain. The P content of
ether-soluble lipids increases, possibly due to their high content of phosphorylcholine
formed at the site of the affection or in blood due to the action of the lecithinase of
I on lecithin. As a result of a specific reaction of nerve tissue to the toxin of I,
the content of cerebrosides increases.

POVERENNYY, A.M.

Certain properties of complex compounds of procollagen and bacterial
nucleic acids. Biokhimiia 24 no.5:777-784 S-O '59. (MIRA 13:2)

1. Kafedra biokhimii Gosudarstvennogo meditsinskogo instituta, Rostov-
na-Donu.

(COLLAGEN chem.)
(DESOXYRIBONUCLEIC ACID chem.)

LEVITOV, David, "Wladimir" 1960

Use of the method of heating at subcritical temperatures
to the presence of formaldehyde for studying the DNA project
Publication 19 Dec. 1985-SSO 51-Ag 164. (X) - 1000

1. Gafedra, M. I. 2. V. V. Sennikov 3. A. V. Shchegolev 4. V. V. Kuznetsov
Soviet Union

SHULEYKIN, G.V., kandidat tekhnicheskikh nauk, nauchnyy sotrudnik; POVERENNYY,
E.L., inzhener, nauchnyy sotrudnik.

Overhead communication and radio transmission line poles made of
asbestos cement pipes. Vest.sviazi 16 no.7:8-11 J1 '56.(MIRA 9:9)

1.TSentral'nyy nauchno-issledovatel'skiy institut svyazi.
(Electric lines--Poles)

POVERENNYY. E.L. inzh.

Increase the control of the quality of production of concrete
reinforced supports and struts. Vest.sviazi 20 no.6:23-25
(MIRA 13:7)
Je '60.

1. TSentral'nyy nauchno-issledovatel'skiy institut svyazi.
(Electrical lines--Poles)

POVERENNYY, E.L., inzhener.

Making reinforced concrete supports and braces with the aid of
tipping forms. Vest.sviazi 16 no.5:7-8 Je '56. (MLRA 9:8)

1. Tsentral'nyy nauchno-issledovatel'skiy institut svyazi.
(Reinforced concrete--Formwork)

VIASOV, N.I.; ZIL'BERMAN, A.A.; POVBRENNYY, I.D.; SAMOFAL, S.V., redaktor;
VISHNEVSKIY, I.F., redaktor izdatel'stva; ANDREYEV, S.P., tekhnicheskiy redaktor

[Rapid capital repairing of blast furnaces] Skorostnoi kapital'nyi
remont domennoi pechi. Khar'kov, Gos. nauchno-tekhn. izd-vo lit-ry
po chernoi i tsvetnoi metallurgii, 1952. 99 p.
(MLRA 9:8)
(Blast furnaces)

POVERENNYY, I. D.

VLASOV, N.I.; ZIL'BERMAN, A.A.; POVERENNYY, I.D.; SAMOFAL, S.V., redaktor;
VISHNEVSKIY, I.F., redaktor; ANDREYEV, S.P., tekhnicheskiy redaktor

[High-speed major repair work on blast furnaces] Skorostnoi kapital'-nyi remont domennoi pechi. Khar'kov, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii. 1952. 99 p. [Microfilm]

(MIRA 7:9)

(Blast furnaces--Maintenance and repair)

VECHTOMOV, M.I., inzh.; KUDRYAVTSEV, V.A., inzh.; MALKES, D.A., inzh.; OSTROVSKIY, G.I.; POVEREMNYY, L.D.; SUSHKOV, P.M., inzh.; TYULENEV, N.Z., inzh. Prinimali uchastiye: GALYANOVA, N.S., inzh.; PUTEYEVA, N.P.; IZRAYLOVICH, Ye.A., inzh.; MARCHENKO, G.A., inzh.; MALYCINA, Z.S.; SOKOLOVA, Yo.A.; SOKOV, V.N., inzh.; TARASOVA, S.N.; TASHAYEV, A.L., inzh.; FILIMONOV, S.V.; DRALICH, K.F., inzh., nauch. red.; NOVITCHENKO, K.N., inzh., nauchnyy red.; SLMAKOV, S.N., inzh., nauchnyy red.; FAKTOROVICH, Yu.A., kand. tekhn. nauk, nauchnyy red.; STUPIN, Ye.N., otd. red.; LUTOV, N.S., red.; IVANOV, V.S., red.; BAGUZOV, N.P., glav. red.; VOLCHEGORSKIY, M.S., zam. glav. red.; DOBRYNIN, S.N., red.; NAZAROV, I.A., red.; KOLESNIKOV, S.I., red.; MEL'NIKOV, N.P., red.; SUSNIKOV, A.A., red.; STAROVEROV, I.G., red.; LYTKINA, L.S., red. izd-va; GORDEIEV, P.A., red. izd-va; OSINKO, L.M., tekhn. red.

[Handbook for the designer of industrial, residential, and public buildings and structures; organization of construction and execution of building and assembly operations. Industrial construction] Spravochnik proektirovshchika promyshlennyykh, zhilykh i obshchestvennykh zdanii i sooruzhenii; organizatsiia stroitel'stva i proizvodstvo stroitel'no-montazhnykh rabot. Promyshlennoe stroitel'stvo. Pod red. P.M. Sushkova. Moskva, Gos.izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1961. 372 p.
(MIRA 15:2)

(Industrial buildings)

POVERENIY, L.D.; SUSHKOV, P.M.

Organizing construction of a standard open-hearth plant.
Stroi. prom. 35 no.1:6-14 Ja '57. (MLRA 10:2)

(Open-hearth furnaces)
(Precast concrete construction)

SHIRIN, P.K. (Moskva); POVERENNYY, L.D. (Moskva); KAMINOV, M.O. (Moskva);
BARCH, I.Z., inzh. (Khar'kov); PUSHKAREV, V.V. (Novosibirsk);
BALABAN, A.I. (Khar'kov); DZHIOLEV, I.M. (Khar'kov); RUBINSHTEYN,
M.Z. (Khar'kov); RIABCHICH, V.P. (Magnitogorsk); SOLOVAROV, K.H.,
(Kazan'); KHODOROVSKAYA, O.R. (Khar'kov); NEFEDOV, Ye.M. (Leningrad).

Discussion on plans and regulations for the organization and the
technology of building. Stroi. prom. 35 no.12:5-20 D '57.
(Architecture--Designs and plans) (MIRA 11:1)
(Construction industry)

POVERENNYY, M.; ROZENBLYUM, Yu., kand.ekon.nauk

Increase control over the planning and distribution of goods through
the ruble. Fin. SSSR 21 no.9:50-52 S '60. (MIRA 13:9)

1. Starshiy ekonomist Rostovskogo-na-Donu gorodskogo finansovogo
otdela (for Poverenny).
(Rostov-on-Don--Retail trade--Finance) (Textile fabrics)

POVERENNY, V.

Conference of workers employed in technical libraries of the Ministry
of the Chemical Industry. Khim.prom.no.4:255 Je '56. (MLRA 9:10)
(Technical libraries)

POVERENNY, Yu.L.

Inadequacies in the design and organization of the assembling
of structural elements of blast furnaces. Prom. stroi. 42
no. 6:12-15 '65. (MERA 18:12)

POVERENOV, N. V.

School Gardens

Organization of the work of pupils in the school garden. Est. v shkole No. 5, 1952.

Monthly List of Russian Accessions, Library of Congress
December 1952. UNCLASSIFIED.

KUZ'MIN, D.S., detsent; ROZANOVA, L.M., nauchnyy sotrudnik; POVERGO,
N.S., nauchnyy sotrudnik

[Experience in treating chronic leucoses (roentgenotherapy and
roentgenochemotherapy) Vest.rent. i rad. no.5:43-47 S-O '55.
(MLRA 9:1)

1. Iz rentgenologicheskogo otdeleniya (zav.--detsent D.S.Kuz'min)
i hematologicheskoy kliniki (zav.--prof. S.I.Sherman) Leningradskogo
ordena Trudovogo Krasnogo znameni nauchno-issledovatel'skogo
instituta perelivaniya krovi. (dir.--detsent A.D.Belyakov,
nauchnyy rukoveditel'--chlen-korrespondent AMN SSSR prof.A.N.Filatov)

(LEUKEMIA

leukosis, chronic, ther., x-ray & blood transfusion)

(X-RAYS, ther. use

leukosis, chronic, with blood transfusion)

(BLOOD TRANSFUSION, ther. use

leukosis, chronic, with x-rays)

Povergo, N.S.

"Comparative Evaluation of the Effectiveness of Certain Methods for the Therapy of Chronic Leukosis Report 1: Therapy of Chronic Leukosis by X Rays," by Prof S. I. Sherman, Docent D. S. Kuz'min, L. M. Rozanova, A. N. Kiseleva, N. S. Povergo, and A. D. Vakulenko (Reported at the expanded plenum of the Central Order of Lenin Institute of Hematology and Blood Transfusion on 15 Dec 1954 and at the Conference of the Leningrad Department of the All-Union Therapeutic Society imeni S. P. Botkin on 15 Nov 1955), Problemy Gematologii i Perelivaniya Krovi, Vol 2, No 1, Jan/Feb 57, pp 28-32

Experimental results classified into two tables showing the response of myelosis and lymphadenosis indicate that prolonged fractional irradiation of patients suffering from chronic leukosis with small doses of X rays (100 r) in combination with transfusion of concentrated suspensions of erythrocytes is the most expedient and effective method. This method gives good therapeutic effects without complications such as symptoms of radiation sickness.

Sum. 1305

BSR/ General Problems of Pathology. Tumors

U-4

As Jour : Ref Zhur - Biol., No 5, 1958, 23019

Author : Sherman, S.I., Kuz'min, D.S., Rosanova, L.M., Kiseleva, A.N., Pover'yo, N.S., Vakulenko, A.D.

Inst : -

Title : Comparative Evaluation of the Efficacy of Some Methods in the Treatment of Chronic Leukemias. Communication I. The Treatment of Chronic Leukemias by X-Ray.

Orig Pub : Probl. hematol. i perelivaniya krovi, 1957, 2, No 1, 28-36, 64.

Abstract : The results of X-ray therapy of 117 patients with chronic leukemias, which was conducted under ordinary conditions, are presented. The spleen and corresponding flat bones or enlarged lymph nodes in lymphocytic leukemias were irradiated; a single dose was 100 r and the average total dose amounted to 2,000 r. Emphasis is placed upon the necessity of combining X-ray therapy

Card 1/2

Povergo, N.S.

USSR/Human and Animal Physiology - Blood.

T-4

Abs Jour : Ref Zhur - Biol., No 7, 1958, 31619

Author : Filatov, A.N., Chaplygina, Z.A., Depp, M.Ye., Gretenshchikova, L.A., Abramov, V.S., Blinova, A.I., Povergo, N.S.

Inst : -

Title : Comparative Study of Some Solutions of Heterogenous Protein (Solution L-103 and Belen'kiy Protein)

Orig Pub : Klinich. meditsina, 1957, 35, No 7, 47-53.

Abstract : No abstract.

Card 1/1

SHERMAN, S.I., prof.; KUZ'MIN, D.S., dotsent; ROZANOVA, L.M.; KISELEVA, A.N.:
POVERGO, N.S.; VAKULENKO, A.D.

Comparative evaluation of the effectiveness of certain therapeutic
methods in chronic leukemias; roentgen rays, radioactive phosphorus,
urethane, embichine, arsenic, myleran. Report No.5: Probl. gemat. i
perel. krovi 4 no.5:14-18 My '59. (MIRA 12:7)

1. Iz gematologicheskoy kliniki (zav. - prof. S.I. Sherman) Leningrad-
skogo ordena Trudovogo Krasnogo Znameni nauchno-issledovatel'skogo in-
stituta perelivaniya krovi (dir. - dotsent A.D. Belyakov, nauchnyy
rukovoditel' - chlen-korrespondent AMN SSSR prof. A.I. Filatov).
(LEUKEMIA, therapy,
comparison of various methods (Rus))

SHERMAN, S.I., prof.; KUZ'MIN, D.S., dotsent; ROZANOVA, L.M.; POVERGO, N.S.

Treatment of patients with chronic myelosis with myelozan in
association with roentgen rays. Terap.arkh. 32 no.9:32-36 '60.
(MIRA 14:1)

1. Iz hematologicheskoy kliniki (zav. - prof. S.I. Sherman)
Leningradskogo ordena Trudovogo Krushnogo Znameni nauchno-
issledovatel'skogo instituta perelivaniya krovi (nauchnyy ruko-
voditel' - chlen-korrespondent AMN SSSR prof. A.N. Filatov).
(BUSULFAM) (LEUKEMIA)

POVIRGO, N.S.

SHERMAN, S.I., prof.; KUZ'MIN, D.S., dotsent.; ROZANOVA, L.M.; KISRIJVA, A.N.;
POVIRGO, N.S.; VAKULENKO, A.D.

Comparative evaluation of the effectiveness of certain therapy methods in
chronic leukemia; x rays, radioactive phosphorus, urethan, embichine,
arsenic, and myleran. Reports: No.2, 3. [with summary (MIRA 11:5)
in English, pp. 62-67]

1. Iz Leningradskogo ordena Trudovogo Krasnogo Znameni nauchno-
issledovatel'skogo instituta perelivaniya krovi (dir.-dotsent A.D.
Belyakov, nauchnyy rukovoditel'-chlen-korrespondent AMN SSSR prof.
A.N. Filatov).

(LEUKEMIA, therapy,
comparison of various methods (Rus)

FILATOV, A.N., prof.; CHAPLYGINA, Z.A.; DEPP, M.Ye.; GREBENSHCHIKOVA, L.A.;
ABRAMOV, V.S.; BLINOVA, A.I.; POVERGO, N.S.; LUGANOVA, I.S. (Leningrad)

Comparative study of some solutions made of heterogenous protein;
L-103 solution and Belen'kii's serum. Klin.med. 35 no.7:47-53 Jl '57.
(MIRA 10:11)

1. Iz Leningradskogo ordena Trudovogo Krasnogo Znameni nauchno-
issledovatel'skogo instituta perelivaniya krovi. 2. Chlen-korespon-
dent AMN SSSR (for Filatov).

(AMINO ACID MIXTURES,
protein hydrolysates L-103 & Belenkii's serum, comparison
(Rus))

POVERGO, N. S.

SHERMAN, S.I., professor; KUZ'MIN, D.S., dotsent; ROZANOVA, L.M.; KISELEVA, A.N.; POVERGO, N.S.; VAKULENKO, A.D.

Comparative evaluation of the effectiveness of various methods of treating chronic leucosis. Report No.1: Treatment of chronic leucosis by X rays [with summary in English, p. 64] Probl. gemat. i perel. krovi 2 no.1:28-32 Ja-F '57 (MLRA 10:4)

1. Iz hematologicheskoy kliniki (zav.-prof. S.I. Sherman)
Leningradskogo ordena Trudovogo Krasnogo Znameni nauchno-
issledovatel'skogo instituta perelivaniia krovi (dir.-dotsent
A.D. Belyakov; nauchnyy rukovoditel'-chlen-korrespondent AMN SSSR
prof. A.N. Filatov)
(LEUKEMIA, ther.
radiother. of chronic leukemia)
(RADIOTHERAPY, in various dis.
leukemia, chronic)

POVERGO, N.S.

SHERMANN, S.I., professor; KISELEV, A.Ye., dotsent; PEREPLETCHIK, R.R.,
kandidat tekhnicheskikh nauk; POVERGO, N.S.

Results of treating pernicious anemia with campolon derived from
marine animals. Klin. med. 32 no.6:53-57 Je '54. (MIRA 7:8)

1. Leningrad; iz gematologicheskoy kliniki (zav.-prof. S.I. Sherman),
Leningradskogo nauchno-issledovatel'skogo instituta perelivaniya krovi.
(ANEMIA, PERNICIOUS, therapy

*campolon)

(LIVER EXTRACTS, therapeutic use
*campolon in pernicious anemia)

SHERMAN, S.I., prof.; KUZ'MIN, D.S., dots.; ROZANOVA, L.M.; KISELEVA, A.N.;
POVERGO, N.S.; VAKULENKO, A.D.

Comparative evaluation of the effectiveness of certain therapeutic
methods in chronic leukemias; roentgen rays, radioactive phosphorus,
urethan, embichin, arsenic, myleran. Report No.4 [with summary in
English, p.61]. Probl.gemat. i perel.krovi 4 no.1:17-20 Ja-F '59.
(MIRA 12:2)

1. Iz hematologicheskoy kliniki (zav. - prof. S.I. Sherman) Leninskogo
ordena Trudovogo Krasnogo Znameni nauchno-issledovatel'skogo
instituta perelivaniya krovi (dir. - dots. A.L. Belyakov,
nauchnyy rukovoditel' - chlen-korrespondent AMN SSSR prof. A.N. Filatov).

(LEUKEMIA, therapy.
comparison of various radiol. & chem.
methods (Rus))

L 01854-67 EWT(m)
ACC NR: AP6030316 (A)

SOURCE CODE: UR/0018/66/000/008/0099/0104

AUTHOR: Ivanov, P. (Engineer, Colonel); Poverin, I. (Lieutenant colonel)

ORG: None

TITLE: Reliable shelter protection

SOURCE: Voyennyy vestnik, no. 8, 1966, 99-104

TOPIC TAGS: nuclear warfare, defense installation, fallout shelter / KVS-U fallout
shelter

ABSTRACT: A general review of various fortified fallout shelters to be used as defense installations in nuclear warfare is presented. The shelters are built in open pits and then covered by a layer of earth 1 to 1.2 m thick. The soil conditions and the execution of earthwork are discussed. The pit, being 2 to 3 m deep, is made large enough for providing sufficient spacings between the walls of the pit and the structure. The bottom of the pit is carefully leveled and the spacings are filled with waterproof materials. The construction and arrangement of a platoon shelter composed of a room (for 4 lying and 6 sitting people) and two covered entrance tambours is described. The needed materials are specified in a table while the shelter dimensions are shown in elevation, plan and sections. The shelter is assembled of standard wood elements fastened together by wires without using nails. The first entrance tambour of a hatch-way type is made of a tubular

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B

Card 1/2

IVANOV, Petr Sergeyevich, podpolkovnik; POVERIN, Ivan Dmitriyevich,
podpolkovnik; YESIN, Mikhail Ivanovich, podpolkovnik;
ROSSAL, N.A., polkovnik, red.; SOKOLOVA, G.F., tekhn. red.

[Fortification installations for firing positions] Fortifi-
katsionnoe oborudovanie ognevых pozitsii. Moskva, Voen.
izd-vo M-va oborony SSSR, 1961. 118 p. (MIRA 15:2)
(Fortification)

MALAKHOV, Nikolay Dmitriyevich; POVEROV, Konstantin Iosifovich;
YATSENKO, Valentin Semenovich; TUMM, I.D., retsenzent;
SAMOYLOVICH, T.A., red.

[Operation of marine power plants] Tekhnicheskaiia eks-
pluatatslia sudovykh silovykh ustavovok. Moskva, Trans-
port, 1964. 346 p. (MTRA 17:12)

POVEROV, Konstantin Iosifovich; NEVRAZHIN, P.S., red.; YAROVA, L.V.,
red.izd-vs; LAVRENOVA, N.B., tekhn.red.

[Damage to power plants] Avarii silovykh ustyanovok. Moskva,
Izd-vo "Morskoi transport," 1960. 70 p.

(MIRA 14:5)

(Marine engines)

LITVINOV, A.A., inzh.; MAKARENKO, L.P., inzh.; NEZHURKO, I.Ya., inzh.;
POVERSHEY, A.S., inzh.

Defining more accurately the ratio of overloading from the
weight of equipment. Shakht. stroi. 8 no.10:23 O '64.
(MIRA 17:12)

1. Donetskiy PromstroyNIIproyekt.

POVERVIT, Ya.P.

Continuous removal of wire from finishing drums of wire drawing
mills. Bul. TSNIICHEM no. 6:46-47 '58. (MIRA 11:5)

1. Zavod "Krasnyy Profintern."
(Wire drawing)

ALUMYAE, N. [Alumae, N.]; POVERUS, L.

Transient elastic strain in a closed round cylindrical shell under
nonaxial marginal load [with summary in English]. Izv. AN Est.
SSR, Ser. fiz.-mat. i tekhn. nauk 12 no.1:13-23 '63.

(MIRA 16:5)

1. Academy of Sciences of the Estonian S.S.R., Institute of
Cybernetics.
(Elastic plates and shells) (Strains and stresses)

SOV/124-57-4-4618

Translation from: Referativnyy zhurnal. Mekhanika, 1957, Nr 4, p 107 (USSR)

AUTHOR: Poverus, L. Yu.

TITLE: The Stability of a Shell of Revolution With a Small Positive Curvature
Under the Action of a Uniformly Distributed External Pressure
(Ustoychivost' obolochki vrashcheniya s maloy polozhitel'noy kriviz-
noy pod deystviyem ravnomerno raspredelenного vneshnego davleniya)

PERIODICAL: Tr. Tallinsk. politekhn. in-ta, 1955, Vol A, Nr 65, pp 124-133

ABSTRACT: The author examines the stability of an axially-symmetrical shell
that differs but little from a cylindrical shape under the action of an
external pressure. He starts from the equation of the local buckling
of shallow shells and then simplifies them through the introduction of
the evaluations of the various quantities found by N. A. Alumyaev for a
cylindrical shell (RZhMekh, 1954, abstract 3070). An example of the
determination of the critical pressure for a barrel-shaped container
is examined. The edges are imagined to be supported freely.

V. I. Feodos'yev

Card 1/1

POVRUG, L.IU.

Ustoichivost revnovesija uprugoi obolochki vrashchenija maloi selenitidlnoi
krivizny tipa usechennogo konusa, nakhodящейся под действием равномерно
распределенного внешнего давления. Tallin, Izd-vo Tallinskogo Politekhnich-
eskogo Instituta, 1957. 15 p. (Tallinn. Politekhniline Instituut. Teimetised.
Trudy. Seriya A, no. 109) / Equilibrium consistency of the elastic shell of a
slowly rotating positive curve of a truncated cone type under the effect of
equally distributed external pressure. In Russian. bibl., diagrs., graphs,
tables /
Tallinn, Estonia

Monthly list of East European Accessions (EEIA) Vol. 9, no. 1, Jan 1960.

Uncl.

POVERUS, L.Yu.

"Stability of a Shell of Rotation With Small Positive Curvature Under the Force of a Uniformly Distributed External Pressure,"
by L.Yu. Poverus, Tr. Tallinsk, politekhn. in-ta, 1955, A, No 65,
pp 124-133 (from Referativnyy Zhurnal -- Mekhanika, No 4, Apr 57,
Abstract No 4618, by V.I. Fedos'yev)

"This article deals with the stability of an axisymmetric shell of near-cylindrical form under the force of an external pressure.

"The author bases his calculations on equations of local losses of stability for shallow shells and then simplifies them by introducing estimates of values discovered by N.A. Alumya for a cylindrical shell (Referativnyy Zhurnal -- Mekhanika, 1954, Abstract No 3070).

"An example of the determination of critical pressure for a barrel-shaped vessel is discussed. The support on the contour corresponds to the conditions of free rest." (U)

Sum : n 1451

SOV/124-58-7-7884

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 7, p 84 (USSR)

AUTHOR: Poverus, L.Yu.

TITLE: An Investigation of the Postcritical-stage Equilibrium of an Elastic Shell in the Form of a Surface of Revolution Having a Small Positive Curvature and Being Acted Upon by a Uniformly Distributed External Pressure (Issledovaniye sostoyaniy ravnovesiya v poslekriticheskoy stadii uprugoy obolochki vrashcheniya maloy polozhitel'noy krivizny, nakhodyashcheysya pod deystviyem ravnomerno raspredelenного vneshnego davleniya)

PERIODICAL: Tr. Tallinsk. politekhn. in-ta, 1956, Vol A, Nr 82,
pp 92-103

ABSTRACT: In a previous paper of the author's (Tr. Tallinsk. politekhn. in-ta, 1955, Vol A, Nr 65, pp 124-133; also, RZhMekh, 1957, Nr 4, abstract 4618) an investigation was made of the critical state of a nearly cylindrical (barrel-shaped, thin-walled shell). In the present paper the behavior of this same shell is examined in the initial postcritical stage. It is assumed that the stress-strain conditions characteristic of the critical state persist even into the initial stage of the postcritical state. The

Card 1/2

SOV/124-58-7-7884

An Investigation of the Postcritical-stage Equilibrium (cont.)

Investigation is conducted in accordance with the method set forth in an article by N.A. Alumya (Prikl. matem. i mekhan., 1953, Vol 17, Nr 5, pp 517-528; RZhMekh, 1954, Nr 4, abstract 3070). General formulae are evolved for the asymmetric forms of buckling. A more detailed examination is made of the symmetrical form of buckling for a case in which the expression for the deflection contains two parameters determined by the energy method. The relationships obtained are analyzed briefly.

1. Elastic shells--Theory

V.I. Feodos'yev

Card 2/2

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

L 12396-63

EWT(m)/BDS AFFTC

S/023/63/000/001/001/004

51

50

AUTHORS: Alumya, N. and Poverus, L.

TITLE: Transient stresses in a semi-infinite elastic cylindrical shell under nonaxial loading

h\o

PERIODICAL: Akademiya nauk Estonskoy SSR. Izvestiya. Seriya fiziko-matematicheskikh i tekhnicheskikh nauk, no. 1, 1963, 13-23

TEXT: Consideration is given to the determination of membrane stresses in a closed circular cylindrical shell caused by sinusoidally distributed membrane edge forces which are suddenly applied and maintained at a constant value. For the solution, the Timoshenko type linear shell theory and the Laplace transform procedure are used. The inverse integral is evaluated by a rational approximation of the transform to establish the early time behavior and by the saddle point method to find stresses over longer times. A series of equations are developed for the mathematical evaluation of the function $\sigma(\xi, \tau)$ -- the axial stress, dimensionless coordinate,

Card 1/2

L 12396-63

Transient stresses in a semi...

S/023/63/000/001/001/004 /

and time. Analysis of data indicate that transient membrane stresses in a thin shell at early times may be obtained with the aid of the dynamic membrane theory of shells. For longer transient times the semimembrane dynamic theory of shells, including circumferential moments and shear forces, must be used. There are 6 tables, 1 figure, 14 references of which 11 are in the English language. The more important are: J. Miklowitz, Recent developments in elastic wave propagation, Appl. Mech. Rev., 13, 12, 1960; C. I. Shirtcliffe, D. G. Stephenson, A computer oriented adaption of Salzer's method for inverting Laplace transforms, J. Math. Phys. 40, 2, 1961.

ASSOCIATION: Institut kibernetiki Akademii nauk Estonskoy SSR (Institute of Cybernetics, Academy of Sciences of EstSSR)

SUBMITTED: August 14, 1962

Card 2/2

POVERUS, L. Yu.

POVERUS, L. Yu.: "The equilibrium-stability of the elastic sheath
of rotation of a small positive curve under the effect of equally
distributed pressure". Tallin, 1955. Min Higher Education USSR,
Tallin Polytechnic Inst, Chair of Structural Mechanics.
(Dissertations for the Degree of Candidate of Technical Sciences)

SO: Knizhnaya letopis', No. 52, 24 December, 1955. Moscow.

TO THE DIRECTOR OF THE CENTRAL INTELLIGENCE AGENCY
SUBJ: GRAVE INFORMATION ON THE VELDAM, K. P.
URGENT INFORMATION IS REQUIRED AS SOON AS POSSIBLE.
ATTACHING INFORMATION CONCERNING THE VELDAM, K. P.
NO. 37; THIS INFORMATION IS TO BE USED FOR SECURITY PURPOSES.
RECORDED: 10:15 AM, 07-23-86

PUCHKOV, V.; POVESIN, N.

Problems worth attention. Fin.SSSR 21 no.6:72 Je '60.
(MIRA 13:6)

1. Nachal'nik Upravleniya gostrudsberkass i goskredita Tatarskoy ASSR (for Puchkov). 2. Glavnyy bukhgalter Upravleniya gostrudsberkass i goskredita Tatarskoy ASSR (for Povesin).
(Tatar A.S.S.R.--Savings banks--Accounting)

POVETKIN, F.F., inzh. (Dnepropetrovsk)

Using an ejector for second recirculation in air-conditioning systems. Vod. i san. tekhn. no.8:15-16 Ag '64 (MIRA 18:1)

BERKOVSKIY V.S., inzh.; OSADCHIY, A.N., inzh. Prinimali uchastiye: STETSENKO,
N.V.; LOBAREV, M.I.; AVRUNIN, P.M.; SHALIKOV, M.I.; IVANISHKIN, A.Ya.;
OVECHKIN, V.I.; POVETKIN, G.I.; SHEVERDIN, V.I.

Grooving for the rolling of strip with acute angles. Stal' 23 no.7:
627-631 Jl '63. (MIRA 16:9)
(Rolling (Metalwork)) (Rolls (Iron mills))

MORGOLIN, Iu.B., kand. tekhn. nauk; POLYAKIN, G.M., kand. tekhn. nauk;
KAMINSKIY, V.N., inzh.

Air cooling of the compressor as a means of increasing the effectiveness
of turbocharging of diesel engines, Trakt. i sel'shkh. stroj. No. 6. Je
165.
(MKh. 18:7)

1. Gosudarstvennyy sovetskiy nauchno-issledovatel'skiy traktornyy in-
stitut.

GORNYY, G.G.; BOROVITIN, M.P.; POVES'MA, K.S.; SOLOV'YEVA, L., redi.

[Using anchor bolting in Pechora Basin mines] Primenenie
ankernoj krepi na shakhtakh Pechorskogo basseina. Syktyvkar,
Komi knizhnoe izd-vo, 1964. 61 p. (MIRA 12:4)

MORGULIS, Yu.B., kand.tekhn.nauk; POVETKIN, G.M., inzh.

Increasing the capacity of diesel engines by turbocharging. Trakt. i
sel'khozmas. 31 no.3:17-22 Mr '61. (MIRA 14:3)

1. Nauchno-issledovatel'skiy avtotraktornyiy institut.
(Diesel engines)

MORGULIS, Yu.B., kand.tekhn.nauk; POVETKIN, G.M., inzh.

Improved design of a turbocompressor for pressure feeding of
tractor diesel engines. Trakt. i sel'khozmash. 32 no.5:15-17
Mys '62. (MIRA 15:5)

1. Gosudarstvennyy soyuznyy nauchno-issledovatel'skiy traktornyj
institut.

(Tractors--Engines)

KAMASHCHENKO, A., starshina 2-oy stat'i; POVETKIN, V., starshiy matros;
MEDENETS, L., starshiy matros

Thanks to a rearrangement of the vanes. Starsh.-serzh. no.5:31 My '63.
21 May '63. (MIRA 16:10)

POVOLZHAYA, N. A.

"Changes in Commercial Qualities of the Skins of Fur Animals Acclimatized in New Area." Thesis for Cand. Biological Sci. Sub 4 Apr 49, Moscow Fur and Felt Inst.

Summary S2, 18 Dec 52, Dissertations Presented For Degrees in Science and Engineering in Moscow in 1949. From Vechernaya Moskva, Jan-Dec 1949.

1. POVETSKAYA, V.A.
2. USSR (600)
4. Squirrels
7. Change in trade properties of pelts of squirrels acclimated to new areas.
Trudy VMIO no. 10. 1951.
9. Monthly List of Russian Accessions, Library of Congress, February 1953. Unclassified.

POVETSKIY, I. G.

27196 POVETSKIY, I. G. K voprosu o predvaritel'noj otlozhenii plannov po zashchite
licits. Karakulevo istro i zashchitnoye, 1929, no. 4, s. 12-13.

SO: Letopis, No. 32, 1949.

TSVETKOVA, Z.N.; POVITSKIY, N.S.

Extraction of citric acid with tri-n-butyl phosphate.
Zhur. neorg. khim. 5 no. 12:2827-2831 D '60. (MIR 13:12)
(Citric acid) (Butyl phosphate)

ACC NR: AP6027531

SOURCE CODE: UR/0108/66/021/005/0067/0069

AUTHOR: Shushkevich, A. D.; Povet'yev, I. A.; Kharaberyush, V. P.

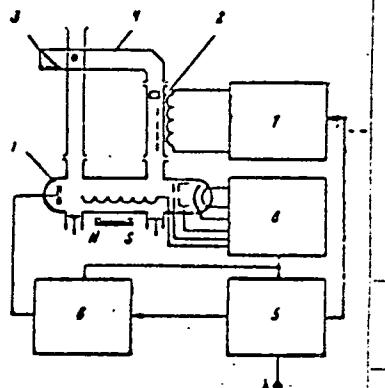
ORG: none

TITLE: Method for widening the spectrum of long SHF pulses by FM

SOURCE: Radiotekhnika, v. 21, no. 5, 1966, 67-69

TOPIC TAGS: radar, pulsed radar, radar pulse, SHF

ABSTRACT: The range resolution inherent to short radar pulses can also be attained with (high-power) longer pulses by widening their spectrum through FM. A suitable system (see figure) would include: 1 - TW-tube (or klystron, or platinotron) oscillator with a positive-feedback loop 4; 2 - phase shifter (a ferrite-loaded rectangular-waveguide segment) intended for calculating the phase of oscillations in the feedback loop; 7 - generator for calculating the phase-shifter magnetic field; 5 - synthesizing submodulator; 6 - modulator



Card 1/2

UDC: 621.396.96

ACC NR: AP6027531

supplying pulses to the tube collector; 3 - directional coupler. As the tube receives SHF oscillations with continuously increasing phase increment, the tube output yields a SHF signal with a continuously varying frequency. Orig. art. has: 2 figures and 9 formulas.

SUB CODE: 09 / SUBM DATE: 20Apr64 / ORIG REF: 003

Card 2/2

ZVONKOVA, Z.V.; RODIONOV, A.N.; POVET'YEVA, Z.P.

Role of hydrogen bonding in the structures of crystalline
hydrates of compound thiocyanates of metals. Kristallografia
8 no.2:275-277 Mr-Ap '63. (MIRA 17:8)

1. Fiziko-khimicheskiy institut imeni Karpova.

"APPROVED FOR RELEASE: Tuesday, August 01, 2000

CIA-RDP86-00513R001342

POVETYEV, A.A.

DECEASED
c1960

1962/4

SEE ILC

APPROVED FOR RELEASE: Tuesday, August 01, 2000

CIA-RDP86-00513R0013427

POVH, Bogdan

The third stage of the studies of physics. Ob mat fiz 9
no.2:95-96 Ag '62.

Distr: 4E3c/4E3d

Half-lives of some short-lived isotopes. M. V. Mihalovic and B. Povh (Inst. "J. Stefan," Ljubljana, Yugoslavia). *Nuclear Phys.* 7, 298 (1958).—The following half-lives were detd. with improved precision: Mg²⁴, Al²⁶, Si²⁷, S³¹, Cl³⁶, K⁴⁰, and Ca⁴⁰. Norman E. Pickering

4-2

5

2

POCOVIC, R.

POPOVIC, V.; POCOVIC, R. "Contribution to power measurement with the cathode-ray oscillograph." Elektrotehnicki Vestnik, Ljubljana, Vol 22, No 1/2, 1954, p. 2

SD: Eastern European Acquisitions List, Vol 3, No 10, Oct 1954, Lib. of Congress

POVIDAYLO, Vladimir Aleksandrovich; SILIN, Radomir Ivanovich;
SHCHIGEL', Viktor Abramovich; KOMAROV, M.S., doktor tekhn.
nauk, red. vypuska; FURER, P.Ya., red.; GORHOSTAYPOL'SKAYA, M.S.,
tekhn. red.

[Vibratory devices in the manufacture of machinery] Vibratsionnye
ustroistva v mashinostroenii. Moskva, Mashgiz, 1962. 109 p.

(Machinery industry)

(Vibrators)

(MIR4 15:6)

POVIDAYLO, V.A., kand. tekhn. nauk; SHCHIGEL', V.A., inzh.

Vibratory screw hoist. Mekh. i avtom. proizv. 17 no.2:
41-42 Ag '63.
(MIRA 16;10)

POVIDAYLO, V.A., kandidat tekhnicheskikh nauk.

Vibration bin feeders. Mashinostroitel' no.6:12-15 Je '57. (MIRA 10:7)
(Machine tools)

POVIDAYLO, Vladimir Alekseevich; BESPALOV, Konstantin Ivanovich;
RABINOVICH, A.N., prof., doktor tekhn.nauk, ratsenzent

[Design and construction of feed bin devices for machine
tools] Raschet i konstruirovaniye bunkernykh zagruzochnykh
ustroistv dlia metallorezhushchikh stankov. Moskva, Gos.
nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1959. 104 p.

(Machine tools--Attachments)

(MIRA 13:2)

POVIDAYLO, V.A., kandidat tekhnicheskikh nauk; BESPALOV, K.I., kandidat tekhnicheskikh nauk.

Modernized checkrow corn planter. Sel'khozmashina no.9:14-15 S
'56. (MLRA 9:11)
(Planters (Agricultural machinery))

POVIDAYLO, V.A.

Design and construction of spiral-grooved vibration feeders. Stan. i instr.
30 no.2:4-7 F '59. (MIRA 12:3)
(Machine tools--Attachments)

POVIDAYLO, V.A., kand.tekhn.nauk; SILIN, R.I.

Induction vibrometer with a mechanical system for measuring
vibration amplitude. Avtom.i prib. no.1:62-64 Ja-Mr '62.
(MIRA 15:3)

1. L'vovskiy politekhnicheskiy institut.
(Vibration--Measurement)

25(1,2)

SCV/117-53-4-5/56

AUTHORS: Povidaylo, V.A., Candidate of Technical Sciences
and Silin, R.I., Engineer

TITLE: An Automatic Vibrational Charging Device.

PERIODICAL: "Mashinostroitel", 1959, Nr 4, pp 14-16 (USSR)

ABSTRACT: Illustrated design and operational information is given on a new automatic vibrational charging device to a machine tool for polishing the outer cylindrical surface of threading dies. The device was designed at the Chair "Technology of Machine Building, Machine Tools and Tools" of the L'vovskiy politekhnicheskiy institut (L'vov Polytechnical Institute). It consists of a bunker on vertical coil springs, an additional funnel-shaped 'pre-bunker' on the top designed to increase the capacity, three electromagnetic vibrators placed tangentially and vibrating the bunker in a spiral

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DDV/117-5/-4-5/36

An Automatic Vibrational Charging Device

motion. The speed of the motion of die blanks into the machine is controllable by means of the screws on which the top funnel is suspended (Figure 2). The device includes a protective mechanism switching-in, when a die blank exceeds the set size, or if a blank fails to roll down into the receiver leading to the machine. The retarded blank will be jammed by a pusher and then released to roll down into the receiver. The electric arrangement of the device is described and shown in a block diagram. There are 3 diagrams and 1 photo.

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Card 4/5

POVIDAYLO, V.A.; SHCHIGEL', V.A.

Vibratory tray conveyor. Mashinostroitel' no.12:7 D '63.
(MIRA 17:1)

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S/118/60/000/010/003/008
A161/A026

AUTHORS: Povidaylo, V. A., and Bespalov, K. I., Candidates of Technical Sciences

TITLE: Automatic Charging of Circular Grinder

PERIODICAL: Mekhanizatsiya i avtomatzatsiya proizvodstva, 1960, No. 10, pp.13-15

TEXT: L'vovskiy politekhnicheskiy institut (L'vov Polytechnical Institute) has developed and built new automatic vibrating feeders to special circular grinders for fuel pump needles at its "Department of Machinery, Machine Tools and Tool Technology". The feeders orient needle blanks into proper position and automatically move them into the grinding devices. A photograph and a detailed drawing of a feeder are given (Fig. 1 and 2). Blanks are loaded in bulk into the hopper cup (1) (in Photo) from where they rise singly in a vibrating spiral chute turning tapered section first and on through a curved chute (2) into a coiled chute (3) which is fixed on the grinding attachment. An electromagnetic pusher (4) moves blanks from the coiled chute in certain intervals into work position, 30-70 per minute. The rate is controlled by a transformer (5). The spiral chute is a groove on the cylindrical inner surface of the hopper cup (Fig. 2) that is

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89740

S/118/60/000/010/003/008

A161/A026

Automatic Charging of Circular Grinder

made of a 10" diameter steel tube. The cup with a cone (2) is fixed to the bottom (3) resting on three inclined cylindrical resilient rods (20) held by clamps in the top and bottom blocks (21 and 17). The rods are so placed that their projection onto horizontal plane is at right angles to the radius at the points of attachment to the bottom. The feeder is driven by a vertical electromagnetic vibrator placed in the center of a plate (10). The vibrator armature consists of two steel plate stacks (6) attached to the armature base (5). An aluminum lining (4) is used between the armature base and the hopper bottom to insulate the cup and prevent magnetization of blanks. The magnet core consists of W-shaped plates (19) attached by rods (8) to the vibrator base (9), with a winding coil (7) on the mid prong, for conducting alternating current. Vertical oscillations of the armature are transformed into spiral oscillations of the cup through bending of the inclined rods. This motion makes the blanks lying on the cone (2) slip to the spiral groove and then move upwards in it. The three spiral springs (18) have a relatively low rigidity, and too high mobility of the feeder on them is prevented by the use of a trunnion (12) with a rubber bushing (11) placed in an aperture in the plate (10) with a slight gap. The trunnion makes system motion possible in two ways only - vertical displacement and rotation about the vertical axis. Other displacements are restricted. The feeder works with a 50 cycle frequency, and to

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A161/A026

Automatic Charging of Circular Grinder

obtain this oscillation frequency current is supplied to the coil from the network through a half-wave rectifier, i. e. a semiconductor diode АГУ-26 (DGTs-26). The natural frequency of the vibrator must be of definite value to use little electric current and make the vibrator work reliably. Natural frequency depends on diameter and length of the resilient rods and to maintain it, the fastening blocks (21) and (17) must have higher hardness than the rods in rod clamping spots.. The blocks are placed on the plate from below to cut the size of the feeder. The orienting mechanism (13) turns all blanks tapered end first. Oriented blanks go into the curved chute consisting of a bottom and a top rail (22) and (23), the former having a rectangular groove slightly exceeding the blank size. On chute turns the blanks must thrust against the butt end of the blank in front, this prevents their clogging. The top rail prevents blanks from rising on the others. the curved chute is fixed by a screw (14) to a bracket (15) on the feeder plate which oscillates. The rails must be case-hardened and quenched, as well as the spiral groove in the cup. The orienting mechanism is shown in detail in (Fig. 3) and the coiled chute in (Fig. 4). The feeders are used at Noginskly zavod toplivnoy apparatury (Noginsk Fuel Equipment Plant). There are 4 figures.

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A161/A026

Automatic Charging of Circular Grinder

Figure 1:

Full view of automatic vibrating feeder

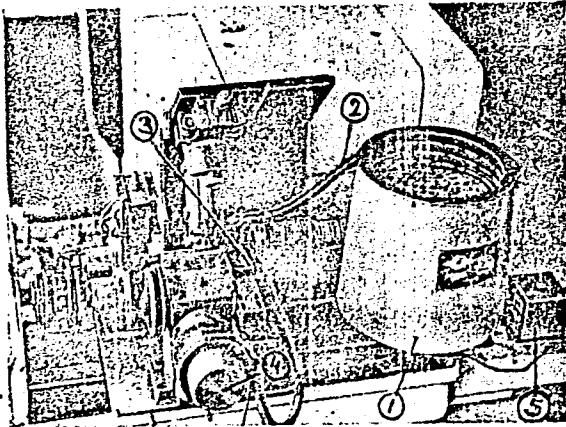


Рис. 1. Устройство для автоматического шлифования ИГЛ распылителя.

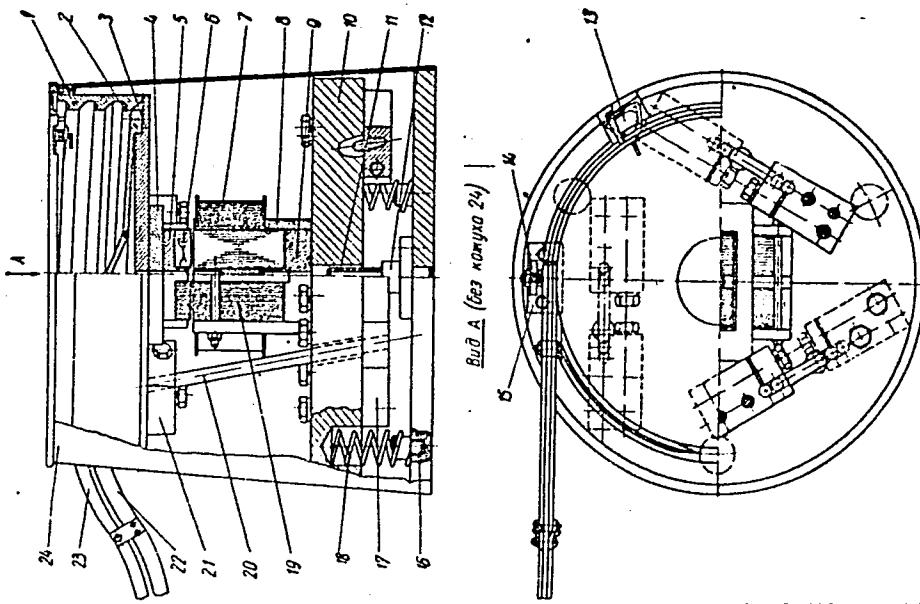
Card 4/6

Automatic Charging of Circular Grinder

Figure 2:
Schematic dia-
gram of
vibrating
feeder

Card 5/6

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S/118/60/000/010/003/008
A161/A026



897140

Automatic Charging of Circular Grinder

S/118/60/000/010/003/008
A161/A026

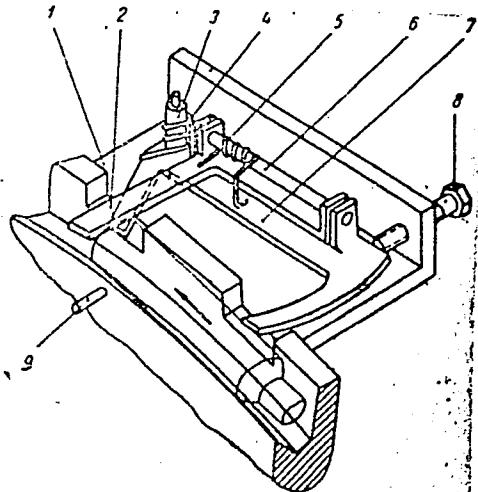


Рис. 3. Механизм ориентации.

Figure 3:
Diagram of orienting mechanism

Figure 4:
Diagram of coiled chute

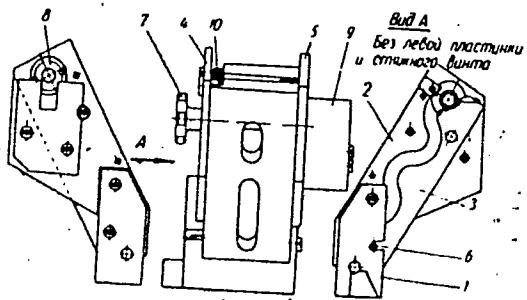


Рис. 4. Конструкция лотка-змейки.

Card 6/6

POVIDAYLO, Vladimir Aleksandrovich; PISKORSKIY, G.A., kand. tekhn.
nauk, retsenzent; BYKOVSKIY, A.I., inzh., red.;
GORNOSTAYPOL'SKAYA, M.S., tekhn. red.

[Design and construction of vibratory feeders] Raschet i kon-
struirovaniye vibratsionnykh pitatelei. Moskva, Mashgiz, 1962.
149 p. (MIRA 15:3)

(Feed mechanisms) (Vibrators)

POVIDAYLO, V.A.; SILIN, R.I.

Vibratory feed hoist. Mashinostroitel' no.6:10-11
Je '60. (MIRA 13:8)
(Feed mechanisms)

POVIDAYLO, V.A., kand.tekhn.nauk; SILIN, R.I., inzh.

Automatic vibrator-type feed unit. Mashinostroitel' no.4:14-16
Ap '59. (MIRA 12:6)
(Grinding machines--Attachments)

POVIDAYIO, V.A.; SILIN, R.I.

Automation of centerless tap grinding. Stan.1 instr. 29 no.11:23-24
N '58. (MIRA 11:11)
(Grinding and polishing) (Automatic control)

PHASE I BOOK EXPLOITATION

SOV/3750

Povidaylo, Vladimir Aleksandrovich, and Konstantin Ivanovich Bespalov

Raschet i konstruirovaniye bunkernykh zagruzochnykh ustroystv dlya metallorezhushchiki s'tankov (Design and Construction of Hopper Feeders for Metal-Cutting Machine Tools) Moscow, Mashgiz, 1959. 106 p. 4,000 copies printed.

Reviewer: A.N. Rabinovich, Doctor of Technical Sciences, Professor; Chief Ed. (Southern Division, Mashgiz): V.A. Serdyuk, Engineer.

PURPOSE: This book is intended for technical personnel in the field of automation of production processes in machinery manufacture.

COVERAGE: The book deals with more efficient constructions and designs of hoppers for feeding most commonly used types of blanks. Special attention is given to the design of vibrating hoppers. Chapter III contains material from the dissertation of Candidate of Technical Sciences O.B. Shtankov. There are 22 references: 20 Soviet, 1 English, and 1 German.

Card 1/3

POVIDAYEV, V.A., kand.tekhn.nauk; BESPALEV, K.I., kand.tekhn.nauk

Automatic feed of a circular grinding machine. Mekh.i avtom.proizv.
14 no.10:13-15 O '60. (MIRA 13:10)
(Feed mechanisms)

POVIDAYLO, V.A.

Optimum operating conditions of vibratory feed mechanisms.
Stan. i instr. 31 no.5:3-7 My '60. (MIRA 14:5)
(Feed mechanisms)

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AUTHOR: Povilas, Paulyunas, s. Antano

ORG: none

TITLE: Machine for pouring viscous and semiviscous products into jars and capping them with capsules. Class 81, No. 176818

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 23, 1965, 92

TOPIC TAGS: packaging machinery, metal stamping

ABSTRACT: This Author Certificate presents a machine for pouring viscous and semiviscous products into jars and capping them with capsules. The machine consists of a pouring device, a table and multislot turnstile under the pouring device, a conveyor for feeding the jars into the slots of the turnstile, stamps mounted around the circumference above the table for fabricating capsules from strip material consisting of a punch and die with cutting and throw rings, rollers for drawing the strip between the punch and die and for winding the cut-out strip onto rollers, a device with a groove and a centering device for feeding and putting the capsules onto the jars, and a capping head with a tightening

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lever. To increase the accuracy of the portions of the product poured into the jars independent of the allowed variation in size of the product and to prevent product loss, the pouring device is in the form of a spring-loaded measuring cylinder with a cover and pouring valve. The valve has a spring-loaded shaft and a tightening chuck fastened at the free end of the shaft with holes for air escaping from the filling jar. A piston with a recess in the form of an exhaust valve and a hollow spring-loaded shaft is inside the cylinder. The shaft is mounted on a hollow cross piece connected to a flexible hose for product feed and is driven in a reciprocating vertical motion. To control the portion of product poured into a jar, the cover of the measuring cylinder is in the form of a displacive chuck with motion possible inside the cylinder. To remove the capsule from the stamp die and to feed it to the mechanism for putting it onto a jar of strip material, a roller (controllable in height) is mounted on the side of the die. The roller directs the cut-out strip to the roller (drum) for winding onto a roll. For free passage of bits of material formed with the punching out of it of the capsules, a gap of about 0.2 mm is fixed between the cutting and throw rings of the die. To prevent gripping of the capsule by the punch, open holes are made in the punch to prevent the formation of a vacuum between the punch and capsule. To simplify the design and to increase the accuracy of centering the capsule when putting it on the jar, the device for putting the capsule on the jar is in the

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form of tilted guides attached to the groove. Inward curved strip springs are mounted to the ends of the guides. An elastic sheet is placed above the springs to press the capsule to the mouth of the jar while picking up and removing the capsule from the guides by the jar. For reliable capping of jars having the allowable variations in height, the capping head is mounted on a column. The clamping chuck of the capping head is connected to the column by means of a spring-loaded connector.

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POVILAVICHUTE, Irena [Povylaviciute, Irena]

Extended wings. Bab. i sial. 34 no. 6:12 Je '58. (MIRA 11:?)
(Simonaityte, Ieva)